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3/27/02

PATENTS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Sergy K. GORDEEV et al.

Serial No. 09/424,760

GROUP 1754

Filed February 3, 2000

Examiner S. Hendrickson

METHOD FOR PRODUCING A POROUS  
CARBON ARTICLE AND AN ARTICLE  
PRODUCED THEREBY

PRELIMINARY AMENDMENT

RECEIVED

MAR 26 2002

TC 1700

Commissioner for Patents

Washington, D.C. 20231

Sir:

Prior to the first Office action, please amend the  
application as follows:

IN THE CLAIMS:

Amend claim 24 as follows:

24. (amended) A method for producing a porous carbon  
article comprising the steps of:

selecting powders of at least one carbide of an  
element selected from the group consisting of Group III, IV, V  
and VI of Mendeleyv's Periodic System, the at least one carbide  
having physical and chemical constants to obtain a desired  
nanoporosity using the relationship:

$$X = Z * (1 - R) / R$$

where X = specified size of desired nanopores and  
 $X \leq 10 \text{ nm}$ , nm;

$$Z = 0.65 - 0.75 \text{ nm};$$

$$R = \nu M_c \rho_k / M_k \rho_c$$

Sub C1  
B1